LUPIN LIMITED
198-202, New Industrial Area No. 2
Mandideep - 462 046, Dist. Raisen (M.P.)
Tel: +91-7480-410800, 233385

LUPIN

LL/RS/F-S02/26

September 25, 2026

To,

The Member Secretary,
M.P. Pollution Control Board,
Paryavaran Parisar,
E-5, Area Colony
Bhopal – 462016

Sub: Environment Statement for the FY 2025-26. (U-13)

Dear Sir,

We enclose herewith the Environment Statement of our manufacturing unit for the financial year 2025-26 in the prescribed Form-V in compliance to the consent obtained under the Air & Water (Prevention & Pollution Control) Act 1981 & 1974 respectively and the authorization obtained under Hazardous & Other Waste (Management & Trans-boundary Movement) Rule,2016.

We hope you will find the same in order.

Thanking you

Yours faithfully
For Lupin Limited

28/09/2026

Rajiv Avinash Puri
Site Head & Sr. GM Manufacturing

Encl. As above
Cc. The Regional Officer, MPPCB (Mandideep)

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FORM-V
(RULE 14)

ENVIRONMENTAL STATEMENT FOR LUPIN LIMITED, MANDIDEEP FOR THE FINANCIAL YEAR ENDING ON 31st MARCH, 2026

PART - A

1	Name & Address of the owner/occupier of the industry, operation or process	:	Mr. Ramesh Swaminathan Chief Financial Officer & Executive Director Lupin Limited, 198-202 New Industrial Area No.2, Mandideep - 462 046 Dist. Raisen (M.P.)
2	Industry Category		Synthetic Drugs & Chemicals
3	Production Capacity – (Units)		Attached as **Annexure-1**
4	Year of Establishment		1988
5	Date of last Environmental Statement Submitted	:	September 29, 2025.

PART – B

Water & Raw material Consumption

i) Water consumption (m^3/day)

a) Process	:	197.50
b) Cooling/Boiler		75.33
d) Domestic		150.53
Total(m^3/day)		**423.35**

Sl. No	Name of Products	Process Water consumption per unit of product output.	
		During the previous financial Year (Ltr./kg.)	During the current financial year (Ltr./kg.)
Details are provided in **Annexure – 2.**			

* Water consumption values are computed on the basis of water requirement on the production capacity.

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(ii) Raw Material Consumption :

Sl. No	Name of Products	Consumption of Raw Materials per unit output during	
		Previous Financial Year	Current Financial Year
Raw material consumption of products manufactured during the period are given in **Annexure – 3.**			

PART – C

Pollution discharged to environment/unit of output (Parameter as specified in the consent issued).

1. Pollution	Quantity of Pollutants discharged(mass/day)			Concentration of pollutants in discharge (mass/volume) [mg/l]	Percentage of variation from prescribed standards with reasons(As percentage value of the value given in consent	
(a) Water	ETP-I	Flow (m^3/day)	92	92	-	Kindly refer **Annexure- 4 & 5** for details
		COD (kg/day)	7.22	79	-	
		BOD (kg/day)	2	22.0	-	
		SS (kg/day)	6.58	72	-	
	ETP-II	Flow (m^3/day)	312.5	312.5	-	
		COD (kg/day)	-	-	-	
		BOD (kg/day)	-	-	-	
		SS (kg/day)	-	-	-	
(b) Air	SPM: 3.24 Kg/hr. SO_2: 2.60 Kg/hr. NO_x: 4.82 Kg/hr.					Kindly refer **Annexure-6** for details.

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PART - D
Hazardous Wastes

[As specified under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016]

Hazardous Waste	Total Quantity	
	During Previous Financial Year (In MT)	During Current Financial Year (In MT)
a) From Process		
I. Residue	29.0	29.15
II. Spent Solvent (Cat.28.6)	778.67	839.79
III. Spent Carbon	156.54	163.99
IV. Spent Catalyst	20.34	28.20
V. Discarded container	390.58	400.71
VI. Spent oil	6.615	2.26
VII. Date expired drugs	4.1	3.43
VIII. Off Specification product	9.9	4.95
IX. Spent Ion exchange resin containing toxic metals.	0.00	0.00
X. Any Process or distillation residue.	0.00	0.00
XI. Chemical containing residue from decontamination & disposal	0.0	0.0
b) From Pollution Control Facilities (ETP Sludge)	1666.02	1658.79

PART - E
(Solid Waste)

Solid Waste	Total Quantity	
	During Previous Financial Year 2024-25 (In MT)	During Current Financial Year 2025-26 (In MT)
a) From Process (Packing Material & Process Waste)	721.76	745.76
b) From Pollution Control facilities (Ash Briquette Boiler)	2634.44	2879.69
c) C & D Waste	1517.00	1107.00
i. Quantity recycled or re-utilized within the unit.		
ii. Sold		
iii. Disposed		
iv. Canteen waste	17.36	16.49

*Solid waste & canteen waste quantity is for entire site (API & Formulation)

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PART - F

Please specify the characterization (in terms of composition and quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes:-

As per HW Authorization No. H-57263 dtd. 21.12.2022 (Outward No.117062 dtd. 21/12/2022), granted to the industry, the disposal of hazardous waste is being done in the CTSDF of Pithampur Industrial waste management private limited, Pithampur. The quantity of hazardous waste disposed during the period 2025-26 is enclosed as **Annexure-7**.

Solid waste: The paper waste generated is shredded and sold to Recyclers.

PART - G

Impact of the pollution abatement measures on conservation of natural resources and on the cost of production: -

1. Treated effluent is of good quality and detail regarding the characteristics of treated effluent (RO permeate) is given in **Annexure-5**. The treated effluent from the ETP is processed in Waste Water Recycling facility which comprises of pre-filtration unit & reverse osmosis unit, Multi Effect evaporator and dryer. The recycled water from this facility is used as make up water in cooling tower and boilers, the quality of the same is also given in **Annexure-5.** This results into conservation of natural resource (fresh water)

   Extensive tree plantation has been done in and around the premises. Adequate number of trees has been planted all over the area. The growth of the plantation is very good. Detail of plantation is given in **Annexure-8**.

2. There is a dedicated in-house laboratory facility for wastewater analysis and to carry out detailed laboratory studies on wastewater. Constant and regular efforts are made to achieve better performance of the ETP.

3. Solvents used in the manufacturing of various products are recovered by distillation and loss of solvent is minimized to bare minimum. The solvent recovery system has a very large beneficial impact on the conservation of resources and in reducing the cost of production by minimizing the wastage.

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PART – H

Additional measures/investment proposal for environmental protection abatement of pollution, prevention of pollution: -

Investment on Existing facilities is as follows: -

			Amount in Lacs
1	Effluent Treatment Plant-I	:	40.0
2	Effluent Treatment Plant-II	:	120.0
3	Incinerator-I (Dismantled)	:	10.0
4	Incinerator-II (Dismantled after start of TSDF)	:	50.0
5	Storage Tank	:	25.0
6	Secure Landfill (closed after start of TSDF)	:	23.0
7	Sludge Decanter	:	30.0
8	R.O.(Phase-I) for Waste Water Recycling	:	100.0
9	R.O. Plant (Phase-II)	:	240.0
10	DTRO & Spiral RO	:	115.0
11	DTRO IV	:	75.8
12	Tube Settler & Ceramic Filter (Dismantled)	:	15.0
13	Wet Scrubber for Stack (Dismantled)	:	5.0
14	Equalization tank	:	13.0
15	Primary Clarifier	:	10.0
16	Secondary Clarifier	:	10.0
17	Diffused Aeration Tank	:	50.0
18	Tertiary Clarifier	:	12.0
19	Tube Settler	:	5.0
20	Decanter	:	20.0
21	Multi-Effect Evaporator-I (Dismantled after installed new MEE plant (MEE-III)	:	190.0
22	Multi-Effect Evaporator-II	:	174.3
23	Multi-Effect Evaporator-III	:	700.0
24	Agitated Thin-film Dryer - II	:	45.0
25	Spin Flash Dryer	:	75.0
26	Camera & Flow meter	:	5.0
27	Rain water recharge pits	:	17.0
28	Environment Laboratory facility & upgradation	:	30.0
29	Water audit & water assessment	:	7.0
30	Online AAQMS	:	125.0
31	Green Belt Development	:	35.0
32	Environmental Impact Assessment Studies	:	9.5
33	Piezometer & flowmeters	:	10.0
34	Odor control mechanism	:	5.0
35	Digital display board	:	5.0
36	Paddle dryers	:	250.0
37	Multi Disk Screw Press	:	42.0
38	Agitated Thin-film Dryer-III	:	110
39	High Pressure RO	:	130
40	Environment Audit & Assessment	:	6
41	MEE Feed TDS and Flow meter for	:	5

* Refer **Annexure - 9** for Budget allocation

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Note:

1) The operating annual budget allocated for FY 2025-26 for Environment is **Rs. 1,444.82 lacs**.

2) We have full-fledged Environment Department for operation, maintenance and monitoring of the Pollution Control Equipments and Green Belt development.

3) Monitoring of Stack Emission, Ambient Air and Water quality is being done regularly through an approved external agency.

4) Maintenance department is doing regular check and scheduled maintenance of all pollution control devices.

5) Noise levels are monitored and care is taken to keep all equipments in good working condition to keep the noise level within the prescribed norms.

6) Variable frequency drive has been installed to reduce energy consumption and several initiatives have been taken for the same.

7) Green belt developed, maintenance and tree plantation in and around the factory premises is our ongoing process. We plant new species to increase the biodiversity of the area. Total area under green belt is more than 33% of plot area.

8) Good housekeeping is being maintained in and around the factory premises.

9) Treated effluent is completely recycled and used for cooling towers and boiler as make up water.

PART – I

Any other particulars for improving the quality of the environment: -

The manufacturing facility of basic drugs has low pollution potential The liquid waste is completely recycled within the factory premises.

LUPIN REAFFIRMS IT'S COMMITTMENT TO THE CAUSE OF INDUSTRIAL SAFETY, OCCUPATIONAL HEALTH & CLEAN ENVIRONMENT IN AND AROUND IT'S PREMISES.

For **LUPIN LIMITED**

Rajiv Avinash Puri
SITE HEAD & SR. GM (MANUFACTURING)

Encl: As above

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Annexure-1

LIST OF PRODUCTS & PRODUCTION CAPACITIES

Production FY 25-26			
Sl. No.	**Products**	**Production Capacity as per consent (MTPA)**	**Total Production (MTPA)**
1	Cephalexin	1000	260.21
2	Cefadroxil	120	14.64
3	Cefuroxime Axetil	50	0
4	Cefaclor	300	62.66
5	Cefixime Trihydrate	15	0
6	Cefpodoxime Proxetil	20	3.53
7	Cefprozil Monohydrate	25	0.14
8	Cefdinir	50	3.08
9	Lisinopril	220	116.09
10	Benazapril	10	5.65
11	Perindopril	10	0
12	Quinapril	20	0
13	Ramipril	15	0.41
14	Brimonidine tartrate	1	0
15	Pitavastatin calcium	1	0
16	Amlodipine Besylate	10	0
17	Recovered Solvent	6263	213.83
18	Tolterodine tartrate	1	0
19	Candesartan cilexetil	1	0
20	Rosuvastatin Calcium	8	0
21	Donepezil hydrochloride	1	0
22	Pilot Plant for R&D	10	0
23	Pretomanid	5	0

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Annexure-2

DAILY PROCESS WATER CONSUMPTION (BASED ON ACTUAL PRODUCTION RATES)

Sl.No.	Name of Products	Process water requirement as per actual production (l/kg)	Production (FY 25-26)	Daily average production rates (in Kg) of products (FY 2025-26)	Average Max. daily process water requirement (in m3)
1	Cephalexin	25.4	260.2	712.9	35.0
2	Cefadroxil	272.2	14.6	40.1	12.0
3	Cefaclor	91.0	62.7	171.7	30.0
4	Cefuroxime Axetil	0.0	Not Produced	0.0	0.0
5	Cefdinir	1131.4	3.1	8.5	11.0
6	Cefixime Trihydrate	0.0	Not Produced	0.0	0.0
7	Cefpodoxime Proxetil	1189.7	3.5	9.7	10.0
8	Ceprozil Monohydrate	1493.7	0.1	0.4	10.0
9	Lisinopril	304.6	116.1	318.1	113.5
10	Benazapril	1205.4	5.7	15.5	20.0
11	Perindopril	0.0	Not Produced	0.0	0.0
12	Trandolapril	0.0	Not Produced	0.0	0.0
13	Quinapril	0.0	Not Produced	0.0	0.0
14	Ramipril	0.0	0.4	1.1	16.0
15	Brimonidine Tartrate	0.0	Not Produced	0.0	0.0
16	Candesartan Cilexetil	0.0	Not Produced	0.0	0.0
17	Amlodipine Besylate	0.0	Not Produced	0.0	0.0
18	Donepezil Hcl	0.0	Not Produced	0.0	0.0
19	Tolterodine Tartrate	0.0	Not Produced	0.0	0.0
20	Rosuvastatin Calcium	0.0	Not Produced	0.0	0.0
21	Pretomaind	0.0	Not Produced	0.0	0.0
22	Pitavastatin	0.0	Not Produced	0.0	0.0

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Annexure - 3

Raw Material Consumption - Cefalexin

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	ACETAMIDE	51.56
2	ACETONE	69.11
3	ACTIVATED CARBON (IMP)	0.70
4	AMMONIA GAS (ANHYDROUS)	36.55
5	BETANAPHTHOL	15.91
6	CAUSTIC SODA FLAKES	2.01
7	D(-) ALPHA PHENYL GLYCINE CHLORIDE HCL	173.61
8	E.D.T.A. DISODIUM	1.20
9	HEXA METHYL DISILAZANE	112.48
10	HYDROCHLORIC ACID (COMMERCIAL)	6.00
11	METHANOL	57.47
12	METHYLENE CHLORIDE	70.78
13	SODIUM CARBONATE ANHY (SODA ASH LIGHT)	2.19
14	TRIMETHYL CHLOROSILANE	67.16
15	7-ADCA CENTRIENT PHARMA	39.94
16	"ACTIVATED CARBON R1"	0.53
17	7ADCA- YILLI	3.30
18	Acetone Rec. PH-I	135.41
19	Betanaphthol Complex Cephalexin	2.05
20	Cephalexin Organic Layer	1242.83
21	Cephalexin ML	1147.12
22	Cephalexin Permeate ML	1.63
23	Dist Methanol (Cephalexin IInd crop ML)	1.62
24	Methylene Chloride Rec-I	1139.44
25	Methanol Rec-I	589.16
26	Cephalexin I crop ML Ph-V	539.13
27	Ammonia Solution	161.56
28	BETA NAPHTHOL COMPLEX CEPHALEXIN US	8.82
29	7-AMINO DEACETOXY CEPHALOSPORANIC ACID	70.83
30	Beta Naphthol Complex Cephalexin	1.16
31	Betanaphthol Complex Cephalexin	19.44
32	CEPHALEXIN ML	117.31
33	CEFALEXIN 1ST CROP M.L	76.11
34	BETANAPHTHOL COMPLEX CEFALEXIN	0.06
35	7-AMINO DEACETOXY CEPHALOSPORANIC ACID	49.63

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Annexure - 3

Raw Material Consumption - Cefaclor

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	7-ACCA	43.00
2	Dane Salt EK	61.04
3	ECF	25.18
4	TMCS	15.30
5	HMDS	22.83
6	Reagent - B	0.63
7	Hydrochloric acid	21.45
8	Ammonia	19.54
9	Beta naphthol Complex Cefaclor	11.62
10	Cefaclor (For Seeding)	0.01
11	EDTA	0.22
12	Sodium Hydrosulphite	0.36
13	Beta naphthol	5.91
14	Activated Carbon	1.95
15	Caustic Soda (in recovery process)	0.42
16	Methylene Chloride	117.07
17	Acetone	13.99
18	DMF	47.17

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Annexure - 3

Raw Material Consumption - Cefpodoxime Proxetil

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	CHLORO ESTER	1.00
2	18-CROWN-6	0.04
3	SODIUM IODIDE	0.90
4	SODIUM THIOSULPHITE	0.34
5	SODIUM CHLORIDE	0.02
6	Toluene	1.71
7	Cefpodoxime Acid (Crude) On as such basis	4.82
8	Dimethyl Acetamide	3.18
9	DBU	1.60
10	Iodo ester (improved process)*	3.18
11	Hydrochloric Acid (LR)	0.58
12	Sodium Thiosulphate.	2.53
13	Sodium Hydrosulphite	0.33
14	"ACTIVATED CARBON R1"	0.76
15	Oxalic Acid Dihydrate	2.23
16	Celite	0.12
17	Ethyl Acetate	37.34
18	Cyclo haxane	10.86
19	Oxalate Salt	6.23
20	"ACTIVATED CARBON R1"	0.62
21	@ Celite	0.10
22	AMMONIA SOLUTION L.R.	2.65
23	Methanol	43.60
24	Ethyl Acetate	23.17
25	Cefpodoxime Proxetil Crude	3.83
26	Methanol	31.57

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Annexure - 3

Raw Material Consumption - Cefprozil Monohydrate

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	7APCA (GCLE ROUTE)	0.11
2	N,O-BIS (TRIMETHYL SILYL) ACETAMIDE	0.00
3	HMDS	0.06
4	TMCS	0.04
5	DANE SALT (M.K.)	0.16
6	MSA	0.00
7	ECF	0.06
8	AMMONIA LR	0.05
9	ACTIVATED CARBON (IMP)	0.01
10	HCL LR	0.07
11	SODIUM HYDROSULPHITE	0.00
12	DMF	0.88
13	Cat X	0.00
14	Cefprozil Second Crop Desolvated	0.01
15	Cefprozil Smonohydrate (Seeding)	0.00
16	Methylene chloride	0.05
17	Acetone	1.03
18	Ethyl Acetate	0.57
19	Ethyl Acetate+Water Cefprozil ML	0.63
20	Cefprozil Smonohydrate (Seeding)	0.00
21	DMF	0.57
22	Acetone	0.04

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Annexure - 3

Raw Material Consumption - Cefadroxil

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	7-ADCA	9.35
2	BSA	0.02
3	HMDS	4.81
4	TMCS	3.22
5	DANE SALT (M.K.)	13.84
6	MSA	0.28
7	ECF	4.93
8	AMMONIA LR	6.15
9	HCL LR	6.69
10	EDTA DI SODIUM	0.02
11	SODIUM SULPHITE	0.19
12	DMF	70.38
13	Methylene chloride	19.31
14	Acetone	21.61
15	Cat X	0.05
16	Cefadroxil Second Crop	0.93
17	Cefadroxil US (Seeding material)	0.00
18	Cefadroxil DMF Solvate	21.54
19	Acetone	17.11
20	Desolvation ML	35.16
21	DMF	0.58
22	Acetone	2.42

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Annexure - 3

Raw Material Consumption - Cefdinir

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	7-AE	5.50
2	CR-II THIAZOLE ACID SODIUM SALT	7.60
3	CRP-I	6.95
4	THIAZOLE ESTER	2.50
5	RECOVERED TEA	2.78
6	TEA	0.15
7	CAUSTIC	4.12
8	ACTIVATED CARBON	0.41
9	CELITE	0.14
10	POCL3	2.45
11	PYRIDINE	1.73
12	SODIUM CHLORIDE	2.30
13	Rec TFA	31.49
14	Fersh TFA	11.91
15	AMMONIA	1.89
16	HCL-L.R.	1.22
17	HYDROCHLORIC ACID (COMMERCIAL)	1.82
18	EDTA	0.01
19	SODIUM CARBONATE ANHY (SODA ASH LIGHT)	1.86

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Annexure - 3

Raw Material Consumption - Lisinopril

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	ACTIVATED CARBON (IMP)/"ACTIVATED CARBON R1"	23.82
2	BENZYL CHLORO FORMATE	92.14
3	CATALYST (LIS2)	2.21
4	CAUSTIC SODA FLAKES	141.11
5	DIETHYL OXALATE	96.42
6	ETHANOL (Rectified Spirit)	102.79
7	ETHYL ACETATE	193.96
8	HYDROGEN GAS (PURIFIED) FILLED IN CYL.	57.88
9	ISOPROPYL ALCOHOL	103.43
10	MAGNESIUM TURNINGS	17.35
11	METHANOL	277.17
12	METHYLENE CHLORIDE	148.55
13	MOLECULAR SIEVE - TYPE 3A POWDER	114.41
14	N.HEXANE	0.54
15	NITROGEN GAS (PURIFIED) FILLED IN CYL	2.07
16	PALLADIUM ON CARBON (10%)	0.13
17	PIVALOYL CHLORIDE	61.24
18	POTASSIUM CARBONATE	56.25
19	RANEY NICKEL CATALYST	21.20
20	SODIUM CARBONATE ANHY (SODA ASH LIGHT)	180.96
21	TETRAHYDROFURAN	28.89
22	TOLUENE	77.35
23	TRI ETHYL AMINE	34.88
24	TRI FLUORO ACETIC ACID	77.30
25	HCL CP GRADE (FOR LISINOPRIL)	555.45
26	AMMONIA SOLUTION 20%	65.08
27	PHENYL ETHYL CHLORIDE (LIS-1)	84.33
28	L-LYSINE MONO HYDROCHLORIDE	121.73
29	L-PROLINE BENZYL ESTER HCL(GLOBE CHEMIE)/ (VALENCE LABS)	5.81
30	RANEY NICKEL CATALYST (NEOCAT)	1.19

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Annexure - 3

Raw Material Consumption - Ramipril

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	ACTIVATED CARBON	0.08
2	ETHANOL (Rectified Spirit)	3.68
3	HYDROGEN GAS (PURIFIED) FILLED IN CYL.	0.01
4	METHANOL	11.15
5	METHYLENE CHLORIDE	3.08
6	SODIUM CARBONATE ANHY (SODA ASH LIGHT)	0.88
7	DI ETHOXY METHANE - 99%	6.99
8	NEPA- NCA (ZHEJIANG CHANGMING)	0.56
9	RAMI-9 HCL	0.50
10	PALLADIUM ON CARBON 10% (JOB WORK)	0.00

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Annexure - 3

Raw Material Consumption - Benazapril

SI NO.	Name of Key Raw Material	MT/Actual Production (FY 2025-26)
1	ACTIVATED CARBON	0.23
2	CAUSTIC SODA LYE	1.84
3	ETHANOL (Rectified Spirit)	0.78
4	ETHYL ACETATE	8.28
5	ISOPROPYL ETHER	32.10
6	METHYLENE CHLORIDE	59.79
7	N- METHYL MORPHOLINE	0.00
8	R-ETHYL-2-HYDROXY-4-PHENYL-BUTANOATE	3.42
9	SODIUM CHLORIDE (COMMERCIAL GRADE)	0.04
10	TOLUENE	17.60
11	TRI ETHYL AMINE	4.28
12	4-NITRO BENZENE SULFONYL CHLORIDE	4.00
13	HCL CP GRADE (FOR LISINOPRIL)	1.10
14	HCL GAS CYLINDER	2.00
15	S-AMINE	4.28
16	ETHANOL (Dry)	29.66

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Annexure - 4

(i) EEFLUENT CHARACTERISTICS FOR VARIOUS PRODUCTIONS (INLET)

Sl.No.	Name of Product	Flow Rate (M^3/Day)	B.O.D. (mg/l)	C.O.D. (mg/l)	S.S. (mg/l)
1	Cephalexin		2500	3000-5000	300
2	Cefadroxil		2500	4000	300
3	Cefuroxime Axetil		2500	4000	300
4	Cefaclor		2500	4000	300
5	Lisinopril		2000	4000	150
6	Benazepril		3800	1950	140
7	Cefixime Trihydrate		4500	7000	280
8	Cefdinir		4000	6000	250
9	Cefpodoxime Proxetil		4500	7000	280
10	Cefprozil Monohydrate		4000	6000	280
11	Perindopril		500	2500	100
12	Quinapril		1000	3000	120
13	Ramipril		1000	3000	50
14	Amlodipine Besylate				
15	Brimonidine Tartrate				
16	Candesartan Cilexetil				
17	Donepezil Hcl				
18	Pitavastatin				
19	Rosuvastatin Calcium				
20	Tolterodine Tartrate		1000	3000	50
21	Pilot Plant		2300	4200	500
22	Pretomanid				

(ii) PROCESS EFFLUENT'S CHARACTERISTICS AT INLET TO ETP (Actual)

Averages

ETP-I	99	214	400	197
ETP-II	292	7225	11802	443

(iii) PROCESS EFFLUENTS CHARACTERISTICS AT OUTLET OF ETP (Actual)

Averages

ETP-I	81	15	64	75
ETP-II	285	154	1052	494

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(iv) EFFLUENT CHARACTERISTICS FOR VARIOUS PRODUCTS PRESCRIBED BY M.P.P.C.B. IN THEIR RESPECTIVE CONSENT FORMS.

Sl. No.	Name of Product	Flow Rate (M^3/Day)	B.O.D. (mg/l)	C.O.D. (mg/l)	S.S. (mg/l)
1	Cephalexin	181.2	30	250	100
2	Cefadroxil		30	250	100
3	Cefuroxime Axetil		30	250	100
4	Cefaclor	60.0	30	250	100
5	Cefdinir	40.0	30	250	100
6	Cefixime Trihydrate	31.1	30	250	100
7	Cefpodoxime Proxetil		30	250	100
8	Cefprozil Monohydrate		30	250	100
9	Lisinopril	130.5	30	250	100
10	Perindopril	65.0	30	250	100
11	Quinapril		30	250	100
12	Pretomanid				
13	Benazapril		30	250	100
14	Ramipril	35.0	30	250	100
15	Amlodipine Besylate		30	250	100
16	Brimonidine Tartrate		30	250	100
17	Candesartan Cilexetil		30	250	100
18	Donepezil Hcl		30	250	100
19	Pitavastatin		30	250	100
20	Rosuvastatin Calcium		30	250	100
21	Tolterodine Tartrate		30	250	100
22	Pilot Plant	2.2	30	250	100
	Total	**542.8**			

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ETP-I (100 KL/DAY)	B.O.D. (Kg/day)	C.O.D. (Kg/day)	S.S. (Kg/day)
Total actual load in process effluent(untreated)	21.2	39.6	19.5
Total actual load in process effluent(treated)	1.2	5.2	6.1
Total maximum load at full production capacity.	4	8.3	7.7
ETP-II (600 KL/DAY)			
Total actual load in process effluent(untreated)	2108.4	3444.1	129.3
Total actual load in process effluent(treated)	43.9	299.8	140.8
Total maximum load at full production capacity.	483.6	1097.4	334.2

The actual effluent generation (391 M3/day) is still within the total permissible quantity (630 M3/day) as per consents issued for API & FML.

The effluent streams have been segregated w.r.t. the pollution load. All waste water having COD less than 2500 mg/l is treated in ETP-I. Likewise, all waste water having COD more than 2500mg/l is treated in ETP-II.

The quantity of trade effluent generated from the unit does not exceed 528.00 kl/day, and the domestic quantity of sewage generated has not exceeded 102.00 kl/day. All trade effluent is treated through the Common Effluent Treatment Plant (ETP-II), the part of the domestic effluent is treated in another common ETP (ETP-I).

ETP-II comprises of advance tertiary Unit (Disk Tube RO Units), the effluent after the DTRO units reject is processed in ZLD facility comprising of Multi-Effect Evaporator (MEE), and Dryer Units to achieve Zero Liquid Discharge (ZLD). The recovered water is reused as make-up water in cooling towers and as boiler feed water, thereby conserving freshwater consumption.

Sewage generated from the facility is also treated in the Common Effluent Treatment Plant and utilized for maintaining the activated sludge process. The quantity of trade effluent and sewage is monitored through designated measurement systems and strictly regulated to ensure that generation remains within the prescribed limits.

The facility maintains Zero Liquid Discharge (ZLD) at all times, and no treated or untreated effluent is discharged. Continuous monitoring and operational controls implemented to ensure compliance with the approved effluent generation limits and ZLD requirements.

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Annexure-5

AVERAGE CHARACTERISTICS OF TREATED WASTE WATER (RO PERMEATE)

SL. NO.	MONTH	pH	COD	BOD	TSS	TDS	Oil & Grease
			mg/ltr.	mg/ltr.	mg/ltr.	mg/ltr.	mg/ltr.
1	Apr-25	6.79	5.80	1.00	0.00	19.00	0.00
2	May-25	6.97	3.76	1.00	0.40	22.00	0.00
3	Jun-25	6.59	9.83	3.20	0.40	21.00	0.00
4	Jul-25	6.84	14.96	4.11	0.00	23.88	0.00
5	Aug-25	6.79	3.00	0.28	0.00	19.00	0.00
6	Sep-25	6.84	5.42	1.46	0.13	20.58	0.00
7	Oct-25	7.41	8.65	2.13	0.00	18.74	0.00
8	Nov-25	7.07	4.76	1.35	0.00	20.96	0.00
9	Dec-25	7.11	3.46	1.03	0.00	11.65	0.00
10	Jan-26	7.09	1.29	0.18	0.00	13.88	0.00
11	Feb-26	7.05	4.70	0.93	0.00	16.70	0.00
12	Mar-26	7.19	2.63	1.20	0.00	18.46	0.00
AVERAGE		**6.98**	**5.69**	**1.49**	**0.08**	**18.82**	**0.00**

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Annexure-6

STACK MONITORING RESULTS

Particulars	Briquette Boiler Stack
SPM (mg/Nm^3)	39.14
SO_2 (mg/Nm^3)	35.80
NO_x (mg/Nm^3)	55.46
Stack Temperature (°C)	98
Diameter of stack (M)	2.4
Velocity of Stack gas (m/s)	6.5
Stack gas flow rate (Nm^3/hr)	98634
QUANTITY OF POLLUTION GENERATED (Kg/hr)	
SPM	3.86
SO_2	3.53
NO_x	5.47
TOTAL AIR POLLUTION FROM ALL THE SOURCES (Kg/hr)	
SPM : 3.86 SO2 : 3.53 NOx : 5.47	

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Stack monitoring Reports (FY 25-26)

Stack monitoring Ap,25

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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/80/2025-26 **Issued Date :** 19/04/2025 **ULR No.:** TC113592500000853F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/04/2025 at 15:10 Hours	**Date of Sample Reciept:** 14/04/2025
Date of Start of Analysis: 15/04/2025	**Date of Completion of Analysis :** 19/04/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 94 °C
Ref:3	Stack gas Velocity: 7.68 m/sec	Ref:4	Ambient Temperature : 38 °C
Ref:5	Relative Humidity : 43 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 94880.97 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	26.13	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	45.72	NM	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	35.85	NM	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	56.40	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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Authorized Signatory:
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Stack monitoring report

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District : Raisen, Madhya Pradesh, India

Report No: PIWMPL/LAB/341/2025-26
Issued Date : 27/05/2025
ULR No.: TC113592500000095OF

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/05/2025 at 13:25 Hours | Date of Sample Reciept: 14/05/2025

Date of Start of Analysis: 15/05/2025 | Date of Completion of Analysis : 26/05/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 91 °C
Ref:3	Stack gas Velocity: 7.66 m/sec	Ref:4	Ambient Temperature : 34 °C
Ref:5	Relative Humidity : 53 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 95423.38 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	25.32	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	42.14	NM	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	32.84	NM	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	59.67	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046,
District : Raisen, Madhya Pradesh, India

Report No: PIWMPL/LAB/650/2025-26
Issued Date : 23/06/2025
ULR No.: TC113592500001196F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/06/2025 at 13:10 Hours
Date of Sample Reciept: 14/06/2025
Date of Start of Analysis: 15/06/2025
Date of Completion of Analysis : 21/06/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 94 °C
Ref:3	Stack gas Velocity: 7.86 m/sec	Ref:4	Ambient Temperature : 28 °C
Ref:5	Relative Humidity : 53 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 97114.47 Nm3/hr	Ref:10	Duration of Sampling: 40 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit - PIWMPL/LAB/INS/49
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emission Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	29.43	150	IS 11255 (Part 1) : 1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	47.52	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	35.56	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	44.67	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned"

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Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/1128/2025-26 **Issued Date :** 28/07/2025 **ULR No.:** TC113592500000163SF

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 17/07/2025 at 13:25 Hours	**Date of Sample Reciept:** 17/07/2025
Date of Start of Analysis: 19/07/2025	**Date of Completion of Analysis :** 28/07/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 98 °C
Ref:3	**Stack gas Velocity:** 8.07 m/sec	**Ref:4**	**Ambient Temperature :** 28 °C
Ref:5	**Relative Humidity :** 69 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 98634.10 Nm3/hr	**Ref:10**	**Duration of Sampling:** 40 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	28.98	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_X	mg/Nm^3	59.17	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	32.96	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	121.59	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

2.The above results relate only to conditions prevailing at the time of sampling.

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Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 19/08/2025 at 13:45 Hours	**Date of Sample Reciept:** 19/08/2025
Date of Start of Analysis: 20/08/2025	**Date of Completion of Analysis :** 28/08/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 131 °C
Ref:3	**Stack gas Velocity:** 12.90 m/sec	**Ref:4**	**Ambient Temperature :** 32 °C
Ref:5	**Relative Humidity :** 69 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 144835.65 Nm3/hr	**Ref:10**	**Duration of Sampling:** 25 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	32.02	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	61.86	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	46.41	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	80.43	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned"

2.The above results relate only to conditions prevailing at the time of sampling.

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Sagar Atadiya

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Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 10/09/2025 at 12:10 Hours	**Date of Sample Reciept:** 10/09/2025
Date of Start of Analysis: 11/09/2025	**Date of Completion of Analysis :** 20/09/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 142 °C
Ref:3	**Stack gas Velocity:** 13.22 m/sec	**Ref:4**	**Ambient Temperature :** 31 °C
Ref:5	**Relative Humidity :** 78 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 144494.22 Nm3/hr	**Ref:10**	**Duration of Sampling:** 25 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue.01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	30.79	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	84.69	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	42.19	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	57.81	NM	PIWMPL/LAB/SOP/18, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

2.The above results relate only to conditions prevailing at the time of sampling.

3. Statement of conformity to a specification or standard is given only on the request of customer.

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*********End of the test report*********

Authorized Signatory:
Sagar Atadiya

PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No: U90000TG2010PTC071919

Registered Office
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
Hitech City Road, Hyderabad-500 081
India.

Site Address:
Plot No 104, Industrial Area, Sector-II,
Pithampur, District Dhar - 454 775,
Madhya Pradesh
India.

Certificate REG No : 23EQKR96 (ISO 9001 : 2015)
Certificate REG No : 23EEKW93 (ISO 14001 : 2015)
Certificate REG No : 23EOKE89 (ISO 45001 : 2018)

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TC-11359

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to : M/s. Lupin Ltd. Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	**Report No:** PIWMPL/LAB/2479/2025-26 **Issued Date :** 30/10/2025 **ULR No.:** TC113592500000292 9F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 11/10/2025 at 12:55 Hours	**Date of Sample Reciept:** 11/10/2025
Date of Start of Analysis: 13/10/2025	**Date of Completion of Analysis :** 30/10/2025

Other References :

Ref:1	**Nature of Sample::** Stack Emission Monitoring	**Ref:2**	**Stack Temperature :** 129 °C
Ref:3	**Stack gas Velocity:** 13.09 m/sec	**Ref:4**	**Ambient Temperature :** 31 °C
Ref:5	**Relative Humidity :** 72 %	**Ref:6**	**Diameter of Stack :** 2.4 Meter
Ref:7	**Fuel Fired :** Biomass	**Ref:8**	**Stack Height :** 31 meters
Ref:9	**Flue gas Flow Rate:** 147700.08 Nm3/hr	**Ref:10**	**Duration of Sampling:** 25 minutes
Ref:11	**Monitoring Carried out by :** PIWMPL Representative	**Ref:12**	**General Environment Condition:** Clear Sky
Ref:13	**Sampling Protocol:** PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	**Ref:14**	**Sampling Equipment used:** Stack Kit - PIWMPL/LAB/INS/49
Ref:15	**Calibration Date:** 22/11/2024 **Calibration Due Date:** 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	29.88	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	52.90	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	39.38	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	64.09	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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**********End of the test report**********

Authorized Signatory:
Sagar Atadiya

PIWMPL/LAB/ORF/00/21.07.2022

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TC-11359

Sustainability

Test Report

Issued from : PITHAMPUR INDUSTRIAL WASTE MANAGEMENT PVT.LTD. (LABORATORY)

Issued to : M/s. Lupin Ltd, Unit -I, 198-202 New Industrial Area No.2, Mandideep -462046, District : Raisen, Madhya Pradesh, India	Report No: PIWMPL/LAB/3201/2025-26 Issued Date : 22/11/2025 ULR No.: TC1135925000003219F

Stack Identification: Stack Attached to Briquette Boiler Stack

Date & Time of Monitoring : 14/11/2025 at 12:10 Hours	Date of Sample Reciept: 14/11/2025
Date of Start of Analysis: 15/11/2025	Date of Completion of Analysis : 22/11/2025

Other References :

Ref:1	Nature of Sample:: Stack Emission Monitoring	Ref:2	Stack Temperature : 145 °C
Ref:3	Stack gas Velocity: 13.85 m/sec	Ref:4	Ambient Temperature : 33 °C
Ref:5	Relative Humidity : 45 %	Ref:6	Diameter of Stack : 2.4 Meter
Ref:7	Fuel Fired : Biomass	Ref:8	Stack Height : 31 meters
Ref:9	Flue gas Flow Rate: 150293.64 Nm3/hr	Ref:10	Duration of Sampling: 25 minutes
Ref:11	Monitoring Carried out by : PIWMPL Representative	Ref:12	General Environment Condition: Clear Sky
Ref:13	Sampling Protocol: PIWMPL/SOP/LAB/45:2022;Rev./Issue:01	Ref:14	Sampling Equipment used: Stack Kit PIWMPL/LAB/INS/19
Ref:15	Calibration Date: 22/11/2024 Calibration Due Date: 22/11/2025		

TEST LIMIT AS PER MADHYA PRADESH POLLUTION CONTROL BOARD (M.P.P.C.B)

Table 1- Stack Emisssion Monitoring Report

Sl. No	Parameters	Unit	Result	Limit	Method of Test
1	Particulate Matter	mg/Nm^3	34.19	150	IS 11255 (Part 1) :1985
2	Oxides of Nitrogen as NO_x	mg/Nm^3	60.97	600	IS 11255 (Part 7) : 2005
3	Sulphur Dioxide as SO2	mg/Nm^3	43.88	300	IS 11255 (Part 2) : 1985
4	Carbon Monoxide as CO	mg/Nm^3	77.16	NM	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022

Note : 1.NM refers to "Not mentioned".

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**********End of the test report**********

Authorized Signatory:
S. Babyrani

PIWMPL/LAB/QRF/00/21.07.2022

Pithampur Industrial Waste Management Private Limited
(A Subsidiary of Re Sustainability Limited)

CIN No. U90000TG2010PTC071919

Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
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Site Address:
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CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED
TC-6872
42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687225500000544F

Test Report No.: CES/20251231B08
Report Issue Date: 06.01.2026

1. Customer Details
   a) Name & Address of the Customer : M/s Lupin Limited
   Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)
   b) Name of Contact person: : Avinash Prasad
   c) Contact No. : 9617770364
   d) Work Order No.: : Agreement
   e) Work Order Date: : 01.12.2025
2. Sample Details:
   a) Sample Name : Briqquette Boiler Stack (16 Ton)
   b) Sample Collected By : CES Representative
   c) Sampling Procedure : IS : 11255
   d) Diameter of stack in (m) : 2.4
   e) Stack height from ground level (m) : 31
   f) Duration of testing : 31.12.2025 to 06.01.2026
   g) Date of Receipt : 31.12.2025
   h) Date of Sampling : 30.12.2025
   i) Fuel used : NA
   j) Flue Gas Temp. (°C) : 110
   k) Flue gas flow rate (Nm^3/hr) : NA
   l) Velocity (m/sec) : 4.84
3. Environmental conditions
   a) Wind speed (km/h) : 3
   b) Ambient Temp. (°C) : 26
   c) Atmospheric condition: : Clear weather conditions during the sampling
   d) Wind direction: : South
   e) Humidity (%) : 31

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	60.00
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	12.13
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	22.09
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	48.00

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemist)

--------*End of Report*--------

NEELAM UPADHYAY
TECHNICAL MANAGER

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CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED
TC-6872
42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000172F

Test Report No.: CES/20260124B01
Report Issue Date: 30.01.2026

1. Customer Details
   a) Name & Address of the Customer : M/s Lupin Limited, Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)
   b) Name of Contact person: : Avinash Prasad
   c) Contact No. : 9617770364
   d) Work Order No.: : Agreement
   e) Work Order Date: : 01.12.2025
2. Sample Details:
   a) Sample Name : Briqquette Boiler Stack (16 Ton)
   b) Sample Collected By : CES Representative
   c) Sampling Procedure : IS : 11255
   d) Diameter of stack in (m) : 2.4
   e) Stack height from ground level (m) : 31
   f) Duration of testing : 24.01.2026 to 30.01.2026
   g) Date of Receipt : 24.01.2026
   h) Date of Sampling : 24.01.2026
   i) Fuel used : NA
   j) Flue Gas Temp. (°C) : 100
   k) Flue gas flow rate (Nm^3/hr) : 59725.94
   l) Velocity (m/sec) : 4.78
3. Environmental conditions
   a) Wind speed (km/h) : 12
   b) Ambient Temp. (°C) : 25
   c) Atmospheric condition: : Clear weather conditions during the sampling
   d) Wind direction: : East North East
   e) Humidity (%) : 56

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	58.60
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	11.45
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	20.36
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	46.00

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorised Signatory
(Chemist)
NEELAM UPADHYAY
TECHNICAL MANAGER

End of Report

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TC-6872
42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000089F

Test Report No.: CES/20260217B06
Report Issue Date: 23.02.2026

1. Customer Details

a) Name & Address of the Customer : M/s Lupin Limited
Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)

b) Name of Contact person: : Avinash Prasad
c) Contact No. : 9617770364
d) Work Order No.: : Agreement
e) Work Order Date: : 01.12.2025

2. Sample Details:

a) Sample Name : Stack (Boiler Stack)
b) Sample Collected By : CES Representative
c) Sampling Procedure : IS : 11255
d) Diameter of stack in (m) : 2.0
e) Stack height from ground level (m) : 9.75
f) Duration of testing : 17.02.2026 to 20.02.2026
g) Date of Receipt : 17.02.2026
h) Date of Sampling : 16.02.2026
i) Fuel used : NA
j) Flue Gas Temp. (°C) : 120
k)Flue gas flow rate (Nm^3/hr) : 46777.51
l) Velocity (m/sec) : 5.68

3. Environmental conditions

a) Wind speed (km/h) : 9
b) Ambient Temp. (°C) : 31
c) Atmospheric condition: : Ctear weather conditions during the sampling
d) Wind direction: : East South East
e) Humidity (%) : 22

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255 P – 1 - 2003	150	58.68
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P - 2 - 2003	-	13.48
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	IS 11255 P - 7 - 2005	-	21.98
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)	-	53.44

Note: MPPCB standard for TPM as per consent to operate <150mg/NM^3

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemical)
NEELAM UPADHYAY
TECHNICAL MANAGER

CES ANALYTICAL AND RESEARCH SERVICES (I) PVT. LTD. ★ BHOPAL

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Boiler Stack Monitoring reports FY 25-26

CES ANALYTICAL AND RESEARCH SERVICES (I) PRIVATE LIMITED

TC-6872

42, 48, Doorsanchar Nagar, Near Savoy Complex, E-8 Extension, Gulmohar, Bhopal-462 039 (M.P.)

TEST REPORT

ULR No.: TC687226500000171F

Test Report No.: CES/20260316B07
Report Issue Date: 20.03.2026

1. Customer Details

a) Name & Address of the Customer : M/s Lupin Limited
Address: 198-202, New Industrial Area No. 02, Mandideep, District Raisen, (M.P.)

b) Name of Contact person: : Avinash Prasad
c) Contact No. : 9617770364
d) Work Order No.: : Agreement
e) Work Order Date: : 01.12.2025

2. Sample Details:

a) Sample Name : Boiler Stack (16 TPH)
b) Sample Collected By : CES Representative
c) Sampling Procedure : IS : 11255
d) Diameter of stack in (m) : NA
e) Stack height from ground level (m) : NA
f) Duration of testing : 16.03.2026 to 20.03.2026
g) Date of Receipt : 16.03.2026
h) Date of Sampling : 16.03.2026
i) Fuel used : NA
j) Flue Gas Temp. (°C) : 145
k)Flue gas flow rate (Nm^3/hr) : NA
l) Velocity (m/sec) : 6.39

3. Environmental conditions

a) Wind speed (km/h) : 13
b) Ambient Temp. (°C) : 36
c) Atmospheric condition: : Clear weather conditions during the sampling
d) Wind direction: : West North West
e) Humidity (%) : 17

Sr. No.	Parameter	Unit	Test method	Requirement	Result
1	Total Particulate Matter (TPM)	mg/Nm^3	IS 11255- P- 1- 2003	150	55.62
2	Sulphur Dioxide (SO_2)	mg/Nm^3	IS 11255 P-2 – 2003	300	83.44
3	Oxide of Nitrogen (NO_x)	mg/Nm^3	CES/LAB/SOP /03	600	176.10
4	Carbon Mono Oxide as CO	mg/Nm^3	CES/LAB/SOP /03 (Digital Gas Analyzer)		49.38

Note: Limit as per Customer Consent

Reviewed By
Sonu Meena
Chemist

Authorized Signatory
(Chemical)

NEELAM UPADHYAY
TECHNICAL MANAGER

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Note:

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Annexure - 7

HAZARDOUS WASTE DISPOSAL (APRIL'2025 TO MARCH'2026)

(Details as per Form-III)

Description		Permissible Qty. (MT)	Qty. Disposed (MT) FY 2025-26
Category No.	Hazardous Waste Name		To TSDF, Preprocessing & Recyclers.
5.1	Used or Spent Oil	**11**	2.27
28.6	Spent Solvents	**3180**	737.51
28.1	Process Residue and wastes	**150**	29.15
28.3	Spent carbon	**300**	138.34
28.2	Spent Catalyst	**50**	24.00
28.4	Off Specification Products	**10**	4.95
28.5	Date-expired products	**5**	3.43
34.1	Chemical-containing residue arising from decontamination.	**16**	0.00
33.1	Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	**600**	306.41
35.3	Chemical sludge from waste water treatment	**3900**	1658.79
35.2	Spent ion exchange resin containing toxic metals	**0.7**	0.00
36.1	Any process or distillation residue	**5**	0.00
Total (MT)			**2904.84**

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Annexure-8

LUPIN LIMITED, MANDIDEEP

PLANTATION DETAIL IN THE PREMISES

Sl.No.	Species of tree	Total Trees Available
1	Eucalyptus	1971
2	Australian Babool	1826
3	Casurina	738
4	Cassia Siamia	1371
5	Cassia Gulakka	312
6	Madhukamini	190
7	Kaner	2850
8	Silver Oak	565
9	Shisham	2590
10	Neem	542
11	Peepal	130
12	Rain Tree	200
13	Gulmohar	723
14	Arjun	1500
15	Ashok	571
16	Bottle Palm	200
17	Hicus/Ficus	155
18	Other Species (Karanji, Chaina Rose, Gondia Kuthai, Bamboo etc.)	5484
19	Outside Factory Premises (Karanji, Gulmohar, Kaner etc.)	9600
20	Satparni	131
21	Jamun	70
22	Spathodea	50
23	Tabebuia	20
24	Kadam	106
25	Mahogany	69
26	Kachnar	50
27	Jacaranda	65
28	Harra	50
29	Haldu	50
30	Baheda	54
31	Amaltas	14
32	Sagon	50
Total (NOS)		**32297**

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Annexure-9

LUPIN LIMITED, MANDIDEEP

REVENUE BUDGET ALLOCATION & ACTUAL EXPENCES INCURRED FOR THE FY 2025-26

(ENVIRONMENT)

Description	Allocation	Expences incurred
	Amount (Rs.Lacs)	Amount (Rs.Lacs)
Consumable	51.19	47.76
Repair & maintenance	120.57	80.36
Power	250.27	257.95
Steam	454.74	364.95
Water	0.98	0.84
Monitoring of Env. Parameters	5.00	4.30
Admin Charges	23.08	28.28
Green Belt	1.50	1.50
Waste handling & Disposal	170.80	154.93
Expenses towards assets	366.69	367.80
Total	**1444.82**	**1308.66**

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